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Atty. Docket No.: 21715/1010

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Pelletier, et al.
Serial No.: 09/689,952
Filed: October 12, 2000
Entitled: COMPOSITION AND METHODS
INVOLVING AN ESSENTIAL
STAPHYLOCOCCUS AUREUS
GENE AND ITS ENCODED PROTEIN

Examiner: Not Yet Assigned

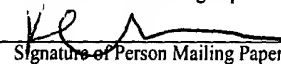
Group Art Unit Not Yet Assigned

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231.

Kathleen M. Williams, Ph.D.

Name of Person Mailing Paper


Signature of Person Mailing Paper

Commissioner for Patents
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.56, 1.97 AND 1.98**

Dear Sir:

In accordance with the duty of disclosure under 37 CFR § 1.56, Applicant submits this Information Disclosure Statement pursuant to 37 CFR §§ 1.97 and 1.98 in the above-identified application for consideration by the Patent Office. A listing of the cited documents is also enclosed, as well as, for the Examiner's convenience, copies of the documents in the list. Pursuant to CFR § 1.97(b)(3), because this Statement is being submitted before the first Office Action on the merits, no fee is required.

Applicants do not intend to represent that any of the documents submitted herein are material prior art to this invention or that the list represents an exhaustive search of documents related to this invention.

Applicants respectfully request that the documents submitted herein be considered and made of record in this application.

Respectfully submitted,

Date: January 22, 2001



Name: Kathleen M. Williams, Ph.D.

Registration No.: 34,380

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Boston, MA 02108

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Washington, D.C. 20231

TRANSMITTAL LETTER

Enclosed for filing in the above-identified patent application, please find the following documents:

1. Information Disclosure Statement;
2. Form PTO-1449
3. Copies of Cited References (References 1-13); and
4. Return Post Card.

The Commissioner for Patents is hereby authorized to charge any additional fees or credit any overpayment in the total fees to Deposit Account No. 16-0085, Reference No. 21715/1010.
A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Date: January 22, 2001

Name: Kathleen M. Williams, Ph.D.

Registration No.: 34,380

Palmer & Dodge LLP

One Beacon Street

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USPTO Form 1449 U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. 21715/1010		Serial No. 09/689,952				
INFORMATION DISCLOSURE STATEMENT				Applicant(s): Pelletier, et al.				
				Filing Date: October 12, 2000				
Group:								
U.S. PATENT DOCUMENTS								
Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)	
	1,	4,946,778	Aug. 7, 1990	Ladder et al.	435	69.6	Jan. 19, 1989	
FOREIGN PATENT DOCUMENTS								
Examiner Initial		Document No.	Date	Country	Class	Subclass	Translation	
							YES	NO
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)								
	2.	Myers, et al., Detection of Single Base Substitutions by Ribonuclease Cleavage at Mismatches in RNA:DNA Duplexes, (1985), Science 230, 1242.						
	3.	Wolff, et al., Long-term persistence of plasmid DNA and foreign gene expression in mouse muscle, (1992), Hum. Mol. Genet., Vol. 1 No. 6, 363-369.						
	4	Frimodt-Møller, Epidemiology of Staphylococcus aureus bacteremia in Denmark from 1957 to 1990, (1997), Clin. Microbiol. Infect. 3:297-305.						
	5.	Benvenisty and Reshef, Direct introduction of genes into rats and expression of the genes, (1986) PNAS USA, 83:95551.						
	6.	Seeger, et al., The cloned genome of ground squirrel hepatitis virus is infectious in the animal, (1984), PNAS USA 81:5849.						
	7.	Cotton, et al., Reactivity of cytosine and thymine in single-base-pair mismatches with hydroxylamine and osmium tetroxide and its application to the study of mutations, (1985), Proc. Natl. Acad. Sci., USA 85, 4397-4401.						
EXAMINER				DATE CONSIDERED				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.								
**Copies of references not provided at the time of this submission.								

USPTO Form 1449 U.S. Department of Commerce
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Examiner Initial	Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Class	Subclass	Translation	
						YES	NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

8.	Chee, et al., Accessing Genetic Information with High-Density DNA Arrays, (1996), Science 274, 610.
9.	Kaneda, et al., Increased Expression of DNA Cointroduced with Nuclear Protein in Adult Rat Liver, (1989), 243:375.
10	Tang, et al., Genetic immunization is a simple method for eliciting an immune response, (1992), Nature 356:152.
11.	de Haard, et al., A Large Non-immunized Human Fab Fragment Phage Library That Permits Rapid Isolation and Kinetic Analysis of High Affinity Antibodies, (1999), J. Biol. Chem. 274: 18218-18230.
12.	Wu, et al., Targeting Genes: Delivery and Persistent Expression of a Foreign Gene Driven by Mammalian Regulatory Elements in Vivo, (1989), J. Biol. Chem. 264: 16985.
13.	Bruand, C. and Ehrlich, S.D., The Bacillus subtilis dnaB gene is part of the dnaB operon, (1995), Microbiology 141, 1199-1200.

EXAMINER

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